

LISTING OF THE CLAIMS

The following listing, if entered, replaces all prior versions of the claims in the present application.

1.-26. (Canceled)

27. (Currently Amended) A method comprising:

in response to a request to perform an operation on a first set of locations of a plurality of locations in a storage area:

performing the operation upon a given location in the first set of locations of the plurality of locations in the storage area only if the given location is identified in at least one location description of a sieve associated with the operation,

wherein the sieve comprises the at least one location description and a property,

wherein the property comprises information identifying the operation, and

wherein the at least one location description identifies only the set of all storage locations within the storage area upon which the operation can be performed.

28. (Canceled)

29. (Previously Presented) The method of claim 27 wherein the at least one location description is specified by an application program.

30. (Previously Presented) The method of claim 27 wherein the operation is replication.

31. (Previously Presented) The method of claim 27 further comprising:
obtaining a set of entities, wherein
the first set of locations comprises a plurality of subsets of locations, and
an entity in the set of entities has permission to perform the operation on
respective data in at least one of the plurality of subsets of locations.

32. (Previously Presented) The method of claim 27 wherein the at least one location description and the corresponding property are designated by a requester.

33. (Previously Presented) The method of claim 32 further comprising:
obtaining a designation of the operation to be performed.

34. (Previously Presented) The method of claim 32 wherein the requester manages data in the storage area.

35. (Previously Presented) The method of claim 32 wherein the requester performs a management function of a set of management functions for the storage area.

36. (Previously Presented) The method of claim 32 wherein the requester identifies a respective physical location in the storage area corresponding to each location described in the at least one location description.

37. (Previously Presented) The method of claim 32 wherein each location described in the at least one location description is specified by a beginning location and a number of contiguous locations starting at the beginning location.

38. (Previously Presented) The method of claim 32 wherein the at least one location description is designated by a set of indicators, wherein the set of indicators comprises an indicator for each respective location of the plurality of locations, and each indicator of the set of indicators indicates whether the respective location for the indicator is described in the at least one location description.

39. (Previously Presented) The method of claim 32 further comprising: obtaining a second set of locations; and performing a second operation on the second set of locations after the operation is performed on the given location.

40. (Previously Presented) The method of claim 39 wherein the at least one location description and the corresponding property are designated by the requester; and the operation and the second operation are designated by the requester.

41. (Previously Presented) The method of claim 32 wherein each type of operation in the sieve is performed on the given location if the sieve is specified.

42. (Currently Amended) A system comprising:
means for storing a sieve associated with an operation; and
means for performing the following in response to a request to perform the operation on a first set of locations of a plurality of locations in a storage area, wherein the means for performing the following comprise:
means for performing the operation upon a given location in the first set of locations of the plurality of locations in the storage area only if the given location is identified in at least one location description of the sieve associated with the operation,
wherein the sieve comprises the at least one location description and a property,
wherein the property comprises information identifying the operation, and
wherein the at least one location description only identifies all storage locations within the storage area upon which the operation can be performed.

43. (Canceled)

44. (Previously Presented) The system of claim 42 wherein the at least one location description and the corresponding property are designated by a requester.

45. (Previously Presented) The system of claim 42 further comprising:
means for obtaining a designation of the operation to be performed.

46. (Currently Amended) A system comprising:

**one or more storage devices, wherein the one or more storage devices
comprise a plurality of locations in a storage area; and**

a module configured to perform the following in response to a request to perform
an operation on a first set of locations of **[[a]] the** plurality of locations in
[[a]] the storage area, wherein the module configured to perform the
following comprises:

a performing module configured to perform the operation upon a given location in
the first set of locations of the plurality of locations in the storage area
only if the given location is identified in at least one location description
of a sieve,

wherein the sieve comprises the at least one location description and a
property,

wherein the property comprises information identifying the operation, and

wherein the at least one location description **only** identifies all storage
locations within the storage area upon which the operation can be
performed.

47. (Canceled)

48. (Previously Presented) The system of claim 46 wherein
the at least one location description and the corresponding property are designated by a
requester.

49. (Previously Presented) The system of claim 46 further comprising:
an obtaining module to obtain a designation of the operation to be performed.

50. (Currently Amended) A computer-readable storage medium comprising:
instructions configured to perform the following in response to a request to
perform an operation on a first set of locations of a plurality of locations in
a storage area, wherein the instructions configured to perform the
following comprise:
performing instructions configured to perform the operation upon a given location
in the first set of locations of the plurality of locations in the storage area
only if the given location is identified in at least one location description
of a sieve associated with the operation,
wherein the sieve comprises the at least one location description and a
property,
wherein the property comprises information identifying the operation, and
wherein the at least one location description only identifies all storage
locations within the storage area upon which the operation can be
performed.

51. (Canceled)

52. (Currently Amended) The computer-readable storage medium of claim 50
wherein
the at least one location description and the corresponding property are designated by a
requester.

53. (Currently Amended) The computer-readable storage medium of claim 50 further comprising:

obtaining instructions to obtain a designation of the operation to be performed.

54. (Currently Amended) A computer system comprising:

a processor; and

the computer-readable storage medium of claim 50, wherein

the computer-readable medium is coupled to the processor.

55-61. (Canceled)

62. (New) The method of claim 27 wherein the performing the operation further comprises:

providing a function name to a requestor, wherein

the requestor generated the request.

63. (New) The method of claim 27, wherein

the property also comprises information specifying a characteristic of data stored in the first set of locations, wherein the operation is only performed on the given location if data stored in the given location has the characteristic.

64. (New) The method of claim 27, wherein

the property comprises information identifying a plurality of operations.